

In the Specification

Please add the following new paragraph at page 20, line 15 (insert before the paragraph starting at that line):

Fig. 8 shows a square root calculator 800 comprising a binary searching module 810 operable to accept a number, perform a binary search operation, and return an integer portion of the square root of the number. Also shown is a fraction calculating module 820 operable to calculate a fractional portion of the square root and a summing module 830 operable to sum the integer portion and the fractional portion to obtain the square root.